

# MARINE MAMMAL HEALTH AND STRANDING RESPONSE PROGRAM

## *National Marine Mammal Stranding Network*

The National Marine Mammal Stranding Network consists of volunteer stranding networks in all coastal states. These networks are authorized through Stranding Agreements with the National Marine Fisheries Service (NMFS) regional offices. Network member organizations respond to live and dead stranded marine mammals on the beach, take biological samples, transport animals, rehabilitate sick or injured marine mammals and potentially release them back to the wild. NMFS oversees, coordinates, and authorizes stranding network activities through one national and six regional stranding coordinators. NMFS also provides training to network members.

## *Marine Mammal Disentanglement Network*



*Photo courtesy Provincetown Center for Coastal Studies*

The Disentanglement Network is a partnership between NMFS, the Provincetown Center for Coastal Studies, the U.S. Coast Guard, State agencies, National Marine Sanctuaries, and other entities. The Network is responsible for monitoring and documenting whales that have become entangled in gear as well as conducting rescue operations. The network established protocols for all aspects of response, including animal care and assessment, vessel and aircraft support, and media and public information. Multiple levels of training are required for animal welfare and human safety.

## *John H. Prescott Marine Mammal Rescue Assistance Grant Program*

The Prescott Grant Program provides grants to eligible stranding network participants and researchers for:

- Recovery and treatment of stranded marine mammals;
- Data collection from living or dead stranded marine mammals; and
- Facility upgrades, operation costs, and staffing needs directly related to the recovery and treatment of stranded marine mammals and collection of data from living or dead stranded marine mammals.

Since the inception of the program in 2001, over \$16,000,000 has been disbursed in 187 grant awards. There is an annual competitive program as well as funding made available throughout the year for emergency response.

## *Marine Mammal Unusual Mortality Event and Emergency Response Program*

The Working Group on Marine Mammal Unusual Mortality Events made up of federal and non-federal experts from a variety of biological and biomedical disciplines, including federal agency representatives, and two international participants from Canada and Mexico. The Working Group advises NMFS with regards to marine mammal Unusual Mortality Events (UMEs). The Program coordinates emergency response, investigations into causes of mortality and morbidity, evaluates the environmental factors associated with UMEs, provides training and resources as possible, and oversees the Marine Mammal Unusual Mortality Event Fund.



## *MMHSRP Information Management Program*

The MMHSRP Information Management Program is responsible for the development and maintenance of a variety of databases, websites and other tools for disseminating information within the program, Network, and to the public. A major recent accomplishment was the rollout of a web-accessible national Level A database for reporting and sharing near-real time stranding data to all regions. The Marine Mammal Tissue Bank inventory will become web-accessible to the public in 2006. Data access policies are being developed to codify protocols for data accuracy, quality assurance, and public access to stranding network data.

## *Marine Mammal Health Biomonitoring, Research, Development and Banking Programs*



*Photo courtesy NIST*

The MMHSRP coordinates national biomonitoring, research and banking efforts to analyze the health and contaminant trends of wild marine mammal populations. The program collects information to determine anthropogenic impacts on marine mammals, marine food chains, and marine ecosystems. In addition, the program uses information to analyze the contribution of environmental parameters to wild marine mammal health trends. Finally, the program operates the National Marine Mammal Tissue Bank, a joint effort with the National Institute of Standards and Technology, as a long-term repository of samples for future retrospective evaluations.

